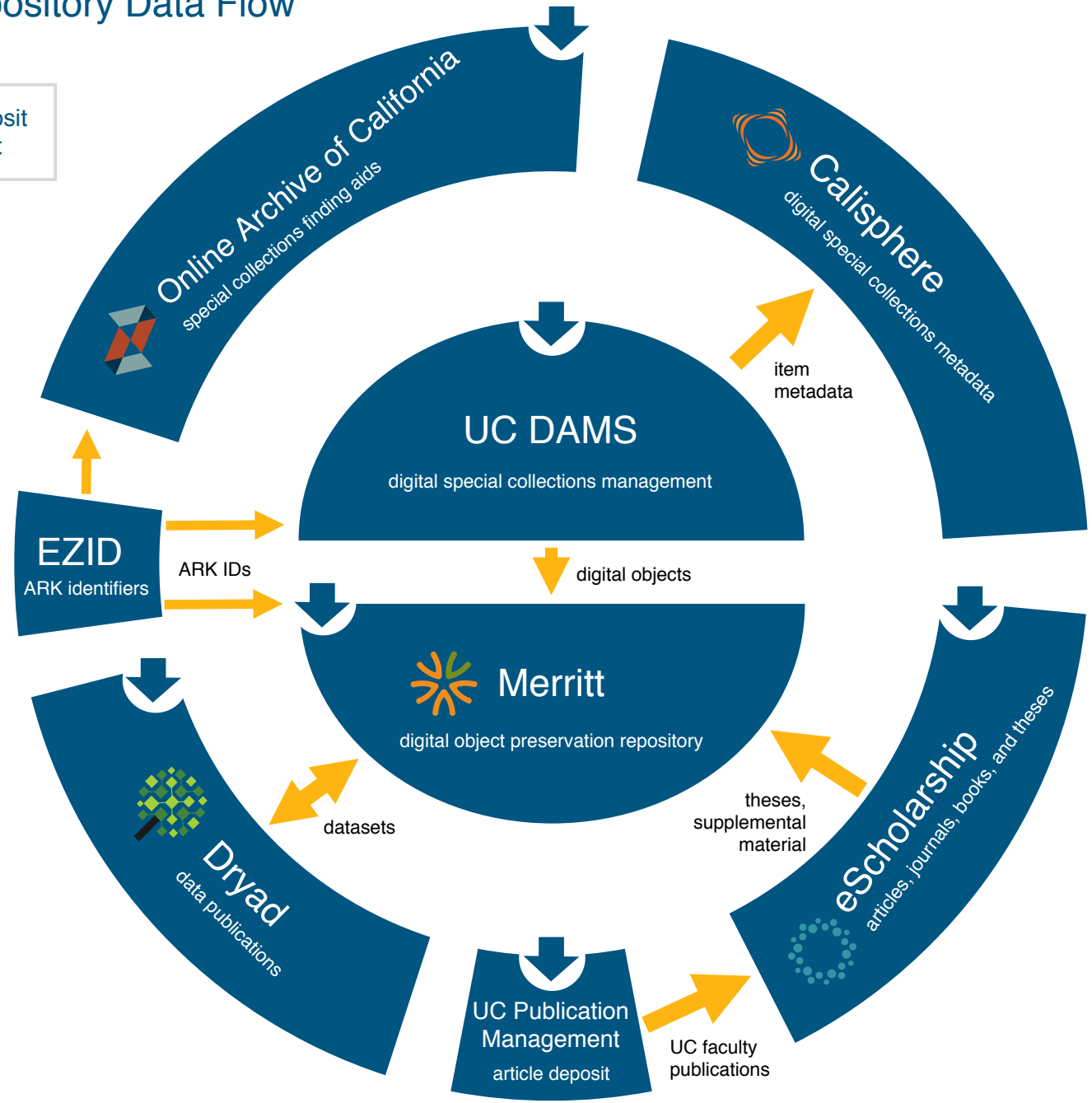CDL Repository Data Flow